

Tar Heel Tailings

A newsletter for Gem and Mineral enthusiast in and around the Raleigh, North Carolina area.

Special Interest Articles:

- Prez Sez
- May Door Prize – Garnets in Matrix
- SFMS Workshops
- Rock Tumbling Identification Guide Site

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Prez Sez By Cyndy Hummel

Please come out to hear about Triassic Fossils by our guest speaker.

If you would like to volunteer for food or drink, please contact me.

See you soon,

Cyndy Hummel
President,
Tar Heel Gem and Mineral Club,
Inc.



May Door Prize – Garnets in Matrix By Melissa Whitfield

I was pleasantly surprised to win the door prize in May. And even though the inventory of door prizes is getting low I still found difficulty in making a choice. On the one hand, the field of Ammonites really appealed to my love of fossils and natural history. But on the other, a sliced and polished cross section of garnets in a matrix appealed to the rock hound scientist in me who likes to imagine how different crystals might look within the rock before they are dug up or out.

The scientist won out and I chose this incredible garnet piece. It's beautiful but it also tells the story of how

those garnets rested in the rock and the layers around them. My guess is these are Almandine garnets. Almandine occurs in metamorphic rocks like mica schists and I think this is what we have here.

Garnets have been popular as gemstones and as a commercial abrasive, often replacing silica sand in sand

blasting. They were the most commonly used gemstones in the late antique Roman world. And in fact the world Garnet is derived from the 14th-century Middle English word *gernet* (meaning 'dark red') which was derived from the Latin word *granatus*, from *granum* ('grain, seed').

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We're on the Web!

See us at:

www.tarheelclub.org

Program & Refreshments

REFRESHMENT SCHEDULE:

Coordinator: Need Volunteer

June TBD

PROGRAM SCHEDULE:

June Vince Schneider: Triassic Basins and Their Fossils

July Fred Booth: Geology Trip to Yellowstone, Wyoming

August Ice Cream Social AND Auction

September Scott LaBorde: Quartz Collecting

October Grab Bags AND (short) Program

November Elections & Thank You from The Club

Remember, the club will reimburse you for up to \$75 (bring your receipts to the treasurer).

June Treasurer's Report

See article later for this Quarter's report.

June B-Day Members

Clea Gallian
Sandy Truelove
Joanne Johnson
Kay Kimball
Seward Shaddock
Angie Tunney
Loretta Turcotte



Membership applications may be mailed to:

Tar Heel Gem & Mineral Club, Inc.

Attention: Treasurer
10609 Chelsea Drive
Raleigh, NC 27603

Tar Heel Gem and Mineral Club, Inc. - May Meeting Minutes

Tuesday, May 17, 2016

Attendees = 42

Opening of Club Meeting:

After enjoying some refreshments the meeting was called to order by President Cyndy Hummel at 7:49pm.

New Business:

Cyndy thanked Linda Searcy and Melissa Whitfield for bringing the refreshments this month and pointed out we still need volunteers to bring refreshments for the next two months (June and July). Please consider volunteering (you will be reimbursed up to \$75 for them).

Cyndy announced the Aurora Fossil Festival. This festival is Memorial Day Weekend (Friday and Saturday) at the Aurora Fossil Museum. Postcards with event details were available for members to pick up.

Cyndy asked for ideas of pieces to buy for door prizes for the next three years. She will make a trip later in the summer to get nice pieces for wholesale prices. Member suggestions included rutulated quartz, polished bowls and other polished pieces, patterned and colorful pieces. Sparkle is always popular. Pieces from the current door prize inventory that have been there a while (years) will make their way to the silent auction.

Cyndy also discussed the budget for the pieces. Last time it was \$600. For three years, that would mean an average of \$18 per piece. The motion was made to raise the budget to \$800 (for a \$25 average). The motion carried unanimously with the members.

There was some discussion of the shows coming up this summer at Grassy Creek, Franklin, and Spruce Pine. Melissa, Webmaster, requested that people email her event information so she can add it to the website's event page.

Melissa also announced the Facebook page for the club and wants to thank Susan McMillan for all her effort in helping to get it going. There were a lot of positive comments about it at the meeting.

Program:

Basic Silversmithing presented by Gary McCutchen

Gary talked about the process of basic silversmithing which involves wrapping the bezel around a stone, soldering the ends together, then soldering the bezel to the backing, soldering the bail/shank to the backing, setting the stone, and polishing. It is just a few basic steps!

Gary showed a number of photos on the large screen display of his pieces and passed around some of his pieces. They were very beautiful and unique.

May Door Prize - Garnets

Continued from page 1

The common consensus being that the words are a reference to pomegranate which has vivid red fruit covered seeds that are similar in shape, size and color of some garnet crystals.

Garnets are actually found in many colors besides red. There are orange, yellow, green, purple, brown, blue, black, pink, and colorless. The most common shade however is red. There is even

Gary then took the club to the 'lab' as he calls it: the Jewelry Studio at the Craft Center. He talked pointed out and talked about most of the tools available in the studio.



Gary will be teaching classes at the Craft Center Oct 15 and 16th of this year. Linda Searcy will also be teaching a class.

Old Business:

While we do have May birthdays to celebrate, none were present at the meeting tonight

Door Prize:

The door prize was won by Melissa Whitfield who (as Club Secretary) was startled out of her taking of these very minutes. She had a tough time choosing between a field of ammonites and a polished thin slab of garnets in matrix. But went with the Garnets in Matrix.

She notes with much amusement that when she picked up the drinks for tonight's meeting she grabbed the 2 liter coke that had printed on it "All I do is Win".

Close of Meeting:

The meeting closed at 9:05 pm.

Respectfully Submitted

Melissa Whitfield,

Secretary, Tar Heel Gem and Mineral Club, Inc.

a type of pyrope garnet found in Macon County, NC that is a violet-red shade and is referred to as rhodolite.

The mineral's luster is categorized as vitreous (glass-like) or resinous (amber-like).

Respectfully Submitted

Melissa Whitfield,

Secretary, Tar Heel Gem and Mineral Club, Inc.

Vice President and Program Chairperson

By Daniel Cathey

I have been collecting minerals since the early 1980's with my wife Kim. She got hooked upon finding a large ruby in Franklin, NC at the now closed Gibson Mine. I got fairly serious and began to fill the house with minerals and rocks starting in the late 1990's. Joined the Tar Heel Club and MAGMA over 10 years ago but rarely got to the meetings until this past year. I tried to get to as many field trips as possible, that was the part of the club that I enjoyed the most. I set up all of the speakers for 2016 as the current Vice President.

Professionally I taught college courses from 1980 until 1993 then worked as a Training Specialist with the NC Division of Water Quality and Division of Environmental Health. From around the year 2000 until two years ago I taught middle school science. Now retired, I have more time to devote to the club that has given me so much fun.

Respectfully Submitted

Daniel Cathey,

Vice President and Program Chairperson, Tar Heel Gem and Mineral Club, Inc.

June Treasurer's Quarterly Report

By Corinne Hummel

June Treasurer's Report

Feb. Ending /	
Mar. Beginning Balance	\$8,054.35

Deposits (+)	
Members	\$160.00
Dealers*	\$190.00

Sub total	\$350.00

Checks Written (-)	
SFMS Dues	\$248.00
insurance	\$470.00
IMP (printing)	\$341.97
Misc	\$281.57
Geodes*	\$5,769.84

Sub Total	\$7,111.38

Mar. Ending /	
Apr. Beginning Balance	\$1,292.97

Deposits (+)	
Membership	\$660.00
Dealers*	\$6,265.00
Silent Auction*	\$1,041.80
Hospitality*	\$1,632.00
Geode*	\$3,830.50
Square D*	\$3,217.91
T-shirts*	\$45.00

Sub total	\$16,692.21

Checks Written (-)	
storage Unit	\$1,557.80

field trip expense	\$729.56
newsletter	\$138.08
petty cash*	\$455.00
Panera dinner*	\$273.01
dealer refund*	\$21.00
geode repairs*	\$154.75
Wildacres registration*	\$50.00
T-shirt purchase*	\$722.50
transport trailer to show*	\$50.00
food*	\$689.73
prize mailing*	\$79.30
postage for postcards*	\$822.50
nametags*	\$28.81

Sub Total	\$5,772.04

Apr. Ending /	
May Beginning Balance	\$12,213.14

Deposits (+)	
Membership deposit	\$20.00

Sub total	\$20.00

Checks Written (-)	
Newsletter	\$138.08
meeting food	\$76.42
NC St. Fair Rental*	\$10,570.50

Sub Total	\$10,785.00

May Ending /	
June Beginning Balance	\$1,448.14

*Show Items

SFMS 2016 workshops

SFMS Workshops for 2016

We have received the schedule for the Federation workshops at William Holland and Wild Acres.

If you would like more information or a registration form, check out www.SFMSworkshops.com. Or our Facebook page at www.facebook.com/Southeast-Federation-of-Mineralogical-Societies

You can contact the Registrar for each facility:

William Holland—Heidi Wetzal sfms.wh@gmail.com

Wild Acres — Toni Garland waregistrar2016@gmail.com

Session 1, William Holland, 6/5-11/16

Beading	Becky Patellis	Mineral ID	Scott Forward
Cabochons	Dave Bergquist	Opals	Carl Talbott
Casting	Bill Harr	Polymer Clay	Sandra Davis
Chain-Maille-Beg. & Int.	Kathy Morris	*SW Silver (advanced)	Nancy English
Faceting—Beg. & Int.	Tom Mitchell	Wire Wrap I	Sandra Bergquist
Gem Trees	Jerri Heer	Wire Weaving & Filigree	Jan Stephens

Session 2, Wild Acres, 8/22-28/16

Fused Chain-Maille	Roy Deere
*Metawork Special Proj.	Jeff Sheer
Advanced Beading	Self Study
Mineral ID	Travis Paris
Chasing & Repose	Tom & Kay Benham
Display Case Building	Danny Griffin
Deep Relief Wood Carving	Clancy Smith
Metal Clay I	Katie Baum
Gourds	Pat Davis
Wire Wrap—Beg.	Rowan Rose-Morgan
* <i>Advanced Class</i>	

Session 3, Wild Acres, 9/19-25/16

Chain-Maille 1&2	Roy Deere
Gem ID	Teresa Polly
Casting	Bill Harr
Flint Knapping	Michael Miller
Wire for Beaders	Leslie Wayment
Faceting—Beg. & Int.	Tom Mitchell
Silversmithing	Pattie Appleby
Scrimshaw	Rich Williams
Cold Connec. & Enamel	Debora Mauser
*Chasing & Repose II	Tom & Kay Benham
*Metal Clay II	Katie Baum

This is a wonderful perk of belonging to the SFMS. Join in and support your Federation.

Rock Tumbling Identification Guide Site

Rock Tumbling Identification Guide Site:
<http://rocktumbler.com/polished-stones/>

Tumbled and Polished Stones

Over 60 varieties of colorful tumbled stones from around the world.

Warning: Polished stones can be a choking hazard for small children



UPCOMING SHOWS

Sep. 30 - Oct 2, 2016: Dallas, NC - 38th Annual Gaston Gem & Mineral Show. The show is located at Gaston County Park on Hwy 279(1303 Dallas-Cherryville Hwy). It is located 1/2 mile off 321. There is a sluice. We sell buckets of sand with minerals and great other items in them. Hours: Sep. 30 - Oct 1: 9:00-6:00; Oct 2: 9:00-5:00. Admission is free. hourly raffles, Grand prize drawn Oct. 2 at 5:00. We offer geodes, wire wrapping, quality gemstones, fossils, minerals, faceted stones, makings, cutting material, jewelry. Our website is <http://gastongemclub.weebly.com/>

Nov. 18 - 20, 2016: Columbia, SC - The Columbia, SC Gem & Mineral Society will hold its 49th Annual Gem, Mineral, & Jewelry Show. Jamil Temple, 206 Jamil Rd., Columbia, SC 29210. Jewelry, beads, loose stones, fossils, minerals, gold, silver, & tools for sale, Geodes sold & cut; Club member's rock collections on exhibit & lapidary demonstrations. Lots of fun for the whole family. South Carolina amethyst on display. Sponsored by The Columbia Gem & Mineral Society. Hours: Fri. 10:00 - 6:00; Sat. 10:00 - 6:00; Sun. 12:00 - 5:00. Admission: \$5.00 for adults, Sixteen & under free with adult. All military & their dependents free. Contact: Sue Shrader 803-736-9317; ashtrader@mindspring.com. Dealers; Sharon Sterrett 803-356-1472; ssterrett@sc.rr.com. <http://www.cgams.org>

March 31 - April 2, 2017: Raleigh, NC – 41st Annual Capital Area Gem & Mineral Show. Tar Heel Gem and Mineral Club, Inc. Kerr Scott Building, NC State Fairgrounds, Raleigh, NC. The show is sponsored by the Tar Heel Gem & Mineral Club and includes 29 dealers. The Hospitality area sells grab bags with mineral specimens. Buy a rock at the Geode booth and be the first to see what is inside. The on-going Silent Auction has new items every hour. Dealers provide minerals, fossils, finished jewelry, gemstones, findings and beads for sale.. Hours: Fri 3-8; Sat 10-6; Sun 10-5. Admission: Free and Free Parking. Contact: Cyndy Hummel; 919-779-6220; mchummel@mindspring.com; www.tarheelclub.org;

Vugsites

The following are some links to Web-Sites that may interest some of our members:

<http://www.tarheelclub.org> / <https://www.facebook.com/tarheelgemandmineralclub/> These are the official sites for the Tar Heel Gem & Mineral Club. I would strongly urge all members to check them out on a regular basis.

<http://www.amfed.org> / <http://www.amfed.org/sfms> These are the official sites for the organizing body that the Tar Heel Gem & Mineral Club is founded under. I would strongly urge all members to check them out on a regular basis.

http://www.amfed.org/sfms/lodestar_newsletter.html The SFMS Lodestar Newsletter

<http://www.carolinageologicalsociety.org/CGS/Home.html> This site provides numerous downloadable field-trip guide books, maps, and charts of the Carolinas. It will prove to keep any avid rock hound busy for years. Great Site!

http://www.ncminerals.com/ncmineralswebsite_files/page0011.htm And while we are on the subject, try this link. Its titled: Links of Interest to Rock hounds in NC. It will take you to a list of links for North Carolina gems and minerals.

<http://www.rocksforkids.com/> Just like the name says, a nice place to steer the younger members.

Information & photographs of over 6300 specimens from the Glenn & Martha Vargas Gem & Mineral Collection.

<http://www.rockhoundlounge.com> Scott Laborde, a club member maintains his own web site that might be of interest to people collecting in and around Wake County.

http://www.msnbc.msn.com/id/29726500/ns/technology_and_science-science This site highlights a half dozen of the most recent significant fossil finds.

<http://appmodo.com/13971/mole-quest-for-the-terracore-gem-app-review-for-the-iphone-and-ipod-touch/> If you have an iphone or an ipod touch, this rock-hounding may be the game for you.

http://diamonddanpublications.net/index_files/page0009.html Diamond Dan's Mini Miner's Monthly

I would like to encourage all members of the THG&MC that maintain their own presence on the internet to send me a link to their site to be published in future Vugsites so that other club members may learn and enjoy the craft, the art, the interests that many of us have in common.

Park in the Cates Ave. Parking Deck off Jensen Dr. Enter Thompson Building directly across from the parking lot.

**Our Next Meeting is
June 21, 2016 @ 7:30PM
Thompson Building / NCSU Campus.**

About Our Organization...

The Tar Heel Gem and mineralogy, paleontology, Mineral Club, Inc. was earth sciences, and formed in 1974 as a lapidary techniques, nonprofit educational organization for people among the general public. who enjoy the lapidary The club pursues these arts, earth sciences, and goals through related subjects. The club pursues these objectives of the club are through publications, meetings, lectures, field trips, to investigate, preserve, exhibits, demonstrations, and other activities. and precious stones, and to promote interest in

Come and be a part of the Fun!



TAR HEEL GEM & MINERAL CLUB
10609 Chelsea Drive
Raleigh, NC 27603

